

Message Text

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ACTION EUR-12

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NSAE-00 PA-01 SS-15 SP-02 USIA-06 TRSE-00 /067 W
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C O N F I D E N T I A L USNATO 02620

SECDEF FOR C3I (N. GRAY)

E.O. 11652: GDS
TAGS: MARR NATO
SUBJECT: ACCELERATED BIDDING TO PROVIDE SIGNALLING
CONSULTANT THROUGH NICSMA TO SHAPE TECHNICAL CENTER
(STC) ON NICS SYSTEM ARCHITECTURE

REF: (A) AC/4-DS/1077, INFRASTRUCTURE COMMITTEE MEETING
21 FEB 78, (B) AC/4-D/2261(FINAL), 30 NOV 74, (C) APPEN-
DIX B OF ANNEX B TO NICSMA/MR(77)4 (QUOTED BELOW).
1. AT INFRASTRUCTURE MEETING 21 FEB 78, COMMITTEE
APPROVED NICSMA REQUEST TO SEEK SUBJECT CONSULTANT ON
UNDERSTANDING THE SUPPLYING FIRM WOULD NOT FORFEIT ITS
RIGHT TO PARTICIPATE IN INTERNATIONAL COMPETITIVE BIDDING
(ICB) ON RESULTING CONTRACTS AND THAT ANY SPECIFICATIONS
DEVELOPED WOULD BE TRANSPARENT AND AMENABLE TO MEANINGFUL
FOLLOW-ON ICBS.

2. AT 9 MAR 78 MEETING OF PAYMENTS AND PROGRESS (P&P)
COMMITTEE, THAT COMMITTEE AGREED TO ACCELERATED ICB
PROCEDURE AS IN PARA 7(III) OF REF B, REQUIRING THAT
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NAMES OF FIRMS WISHING TO COMPETE FOR PROVISION OF
CONSULTANT BE NOMINATED THROUGH MEMBER COUNTRY NATO
MISSIONS TO NICSMA BY 4 APR 78, FOR ONWARD SUBMISSION TO
STC.

3. THERE FOLLOWS BELOW THE TEXT OF REFERENCE C OUTLINING
THE TASKS FOR SUCH CONSULTANT:

QUOTE: CONSULTANT ON SIGNALLING

SIGNALLING SYSTEMS WITHIN THE NICS (NSP TASK ARCH/3 REFERS)
TASKS:

1. TO MAKE RECOMMENDATIONS FOR A CCSS FOR USE WITH THE
STAGE II NICS WITH PARTICULAR REFERENCE TO THE PROBLEM OF
TRANSITIONING TO A DIGITAL NETWORK. PREPARATION OF THE
RECOMMENDATION WILL INVOLVE:

(A) STUDY OF THE EXISTING PROPOSALS FOR THE CCSS FOR THE
NICS.

(B) STUDY OF THE CCSS DESIGNED FOR THE IVSN.

(C) EXAMINATION OF THE ROUTING CONTROL SYSTEM DEVELOPED
FOR THE NODAL SWITCHES IN ORDER TO DERIVE A SUITABLE
MESSAGE REPERTOIRE FOR THE UPDATING OF ANY ROUTING TABLES
WITHIN THE CONTROL SYSTEM.

2. TO MAKE RECOMMENDATIONS FOR CASSS FOR USE ON ACCESS
CIRCUITS TO THE NODAL SWITCHES:

(A) STUDY EXISTING 2- AND 4-WIRE CASSS IN USE IN NICS AND
COMPARE WITH EMERGENCY CARD SYSTEMS.

(B) STUDY PROBLEMS RELATING TO SIGNAL INJECTION AND
DETECTION EQUIPMENT WHICH WILL BE REQUIRED AT THE NODAL
SWITCHES.

(C) RECOMMEND CASSS FOR USE ON CIRCUITS BETWEEN USER
TERMINALS AND SWITCHES.

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(D) RECOMMEND CASSS FOR USE ON ANALOGUE CIRCUITS BETWEEN
ACCESS SWITCHES/ADD-ON UNITS AND NODAL SWITCHES.

3. DETERMINE THE CONDITIONS UNDER WHICH CCSS (COMMON
CHANNEL SIGNALLING SYSTEM) AND CASSS (CHANNEL ASSOCIATED
SIGNALLING SYSTEMS) SHOULD BE USED BETWEEN ACCESS SWITCHES/
ADD-ON UNITS AND NODAL SWITCHES.

4. DERIVE A FORM OF SIGNALLING SUITABLE FOR USE ON THE
4-WIRE DIGITAL LOOP BETWEEN A DIGITAL USER INSTRUMENT, YET
TO BE DEVELOPED, AND THE PARENT SWITCH.

5. OTHER TASKS, ARISING FROM THE FOREGOING AS MUTUALLY
AGREED. UNQUOTE.

4. WE ASK THAT YOU PROVIDE US WITH THE NAMES, ADDRESSES
INCLUDING TELEX AND SECURITY CLEARANCES OF FIRMS ELIGIBLE,
INTERESTED AND NOMINATED FOR PROVISION OF SUCH CONSULTANT,
IF POSSIBLE, BY MONDAY 3 APR 78 TO INSURE MEETING
DEADLINE. BENNETT

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NNN

Message Attributes

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